



# भारत का राजस्मान् The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 36] नई बिल्ली, शनिवार, सितम्बर 6, 1980 (भाद्रपद 15, 1902)

No. 36] NEW DELHI, SATURDAY, SEPTEMBER 6, 1980 (BHADRA 15, 1902)

इस भाग में भिन्न पृष्ठ संख्या वी आती है जिससे कि यह सम्पर्क संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 6th September, 1980

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700-017

The dates shown in crescent brackets are the dates claimed  
under Section 135 of the Act.

31st July, 1980

876/Cal/80. The Carborundum Company. Granular activated carbon manufacture from sub-bituminous coal treated with solid boric acid.

877/Cal/80. Metallgesellschaft A. G. Process of producing quicklime by calcining in a rotary kiln.

878/Cal/80. B. Singh. Water closet or public convenience.

879/Cal/80. Westinghouse Electric Corporation. Dynamoelectric machine having enhanced unbalanced stator current capability.

1st August, 1980

880/Cal/80. Patelhold Patentverwertungs & Electro-Holding AG. Low-frequency power amplifier.

881/Cal/80. Societe Alsacienne DE Constructions Mecaniques DE Mulhouse. A revolving ring on a pneumatic bearing supplied with compressed air for spinning frames and like textile machine.

2nd August, 1980

882/Cal/80. Westinghouse Electric Corporation. Single step formation of PN Junction in silicon cell and coating thereon.

883/Cal/80. Molins Limited. Perforation of web material especially uniting paper for making ventilated filter cigarettes. (August 2, 1979) (April 10, 1980) (April 14, 1980).

884/Cal/80. Palitex Project-Company GMBH. Thread storage member for a two-for-one twisting spindle or spinning spindle.

885/Cal/80. Palitex Project-Company GMHB. Two-for-one twisting spindle with a supply receptacle for a lubricant.

886/Cal/80. D. U. T. Pty. Ltd. Production of methanol (August 2, 1979).

887/Cal/80. B. Rajaram. Method for levelling railway tracks and means for carrying out the method.

4th August, 1980

888/Cal/80. Stauffer Chemical Company. Spirooxazolidines and thiazolidines as herbicide antidotes.

889/Cal/80. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Open-end spinning apparatus.

890/Cal/80. Usha Automobile & Engineering Ltd. Locking device for automobiles.

891/Cal/80. H. Mehta. A process and apparatus for producing producer gas.

5th August, 1980

- 892/Cal/80. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Process of manufacturing tires for vehicle wheels.
- 893/Cal/80. Burroughs Corporation. Photo-optical keyboard having debris protection.
- 894/Cal/80. Burroughs Corporation. Photo-optical keyboard having N-key rollover.

6th August, 1980

- 895/Cal/80. Bijesh Chandra Saha. Triple action plastic syringe.
- 896/Cal/80. Societe Alsacienne DE Constructions Mecaniques DE Mulhouse. A yarn-piecing and cleaning system for a spinning machine. [Addition to No. 119/Cal/78].
- 897/Cal/80. Stamicarbon B. V. Method for the preparation of cyclohexanol and/or cyclohexanone.
- 898/Cal/80. The Dow Chemical Company. Phosphorous esters of alkylcycloalkyl-5-pyrimidinols.
- 899/Cal/80. Burroughs Corporation. Reconfigurable photo-electric keyboard having removable keys.
- 900/Cal/80. Kraftwerk Union Aktiengesellschaft. A monitoring device for checking the orderly closing of a flap valve.
- 901/Cal/80. B. Rajaram. A device for use in the levelling of rails of railway permanent way tracks.

**APPLICATION FOR PATENTS FILED AT THE BOMBAY  
BRANCH, TUDI ESTATE, 3RD FLOOR, LOWER PAREL  
(WEST) BOMBAY-13.**

7th July, 1980

- 200/Bom/80. Chintaman Shankarrao Ranade. Electronic device for lighting and controlling light intensity per watt output of fluorescent tube light or similar mercury vapour low pressure incandescent lamp.

8th July 1980

- 201/Bom/80. Hindustan Lever Limited. Microbial Heteropolysaccharide.

9th July 1980

- 202/Bom/80. Kantilal Bhogilal Raval. Automatic bicycle.

- 203/Bom/80. Ranvir Bahl. Improvements in or relating to process and apparatus for the treatment of Asbestos fibre.

- 204/Bom/80. Mail Order Sales Private Limited. Physical Exercising equipment.

- 205/Bom/80. Amorsey Damodar. A power assisting device for bicycle for similar 2 or 3 wheeler manually operated vehicles.

10th July, 1980

- 206/Bom/80. Tata Engineering and Locomotive Company Limited. An air pressure responsive self setting filter regulator for operating a load.

- 207/Bom/80. Tata Engineering and Locomotive Company Limited. An universal pneumatic pantograph hoist suspender for operating a load.

- 208/Bom/80. Kirloskar Oil Engines Limited. An improved piston for an internal combustion engine and an internal combustion engine and an internal combustion engine comprising the same.

- 209/Bom/80. Polyset Corporation. Flexible Type Closures for container with means to operate same.

11th July 1980

- 210/Bom/80. Maruti Ramrao Bijoor. Electronic Spark producing device for internal combustion engines.

14th July 1980

- 211/Bom/80. Ahmedabad Textile Industry's Research Association. Instrument to measure, indicate and/or control stretch shrinkage of a sheet material.

- 212/Bom/80. Bayer (India) Limited. Novel Method of manufacture of Diphenylnitrosoamine.

16th July 1980

- 213/Bom/80. Michael Pacheco. Improvements in or relating to a pelmet for windows and the like.

- 214/Bom/80. Rohit Harishchandra Parikh. A yarn carrier.

- 215/Bom/80. Shankar Balkrishna Joshi. Improvement in or relating to protective device to detect a fault in front wheel alignment.

- 216/Bom/80. Shankar Balkrishna Joshi. Improvement in or relating to traction system for vehicles.

- 217/Bom/80. Shankar Balkrishna Joshi. An emergency locking system for trucks, automobiles and like wheeled vehicles.

17th July, 1980

- 218/Bom/80. Mrs. Yasmin Darays Irani. The perpetual Universal Calender.

- 219/BOM/80 Priyal Khanderao Kulkarni and Vijay Priyal Kulkarni. Improvement in or relating to paraboloidal solar concentrator to heat fluid for industrial use.

19th July, 1980

- 220/Bom/80. Lakhbir Singh. A high efficiency wick-stove.

- 221/Bom/80. (1) Surrender Kumar Anand, (2) Deepak R. Anand, (3) Mrs. Inder Varsha. K. Anand, (4) Mrs. Ram Piyari. K. Anand. An improved device for cutting and scraping used for multifarious purposes.

- 222/Bom/80. Jimmy Soras Canteenwalla. Improved Sealing Device.

24th July, 1980

- 223/Bom/1980 Ramesh Chhabria, Combined Switch.

- 224/Bom/1980 Ramesh Chhabria, Lock Safety Device.

- 225/Bom/1980 Ramesh Chhabria, New Wash Tank.

25th July, 1980

- 226/Bom/1980 Indian Oil Corporation Limited. A burner for Gas stove or the like cooking and heating range and a gas stove or the like cooking and heating range incorporating the same.

- 227/Bom/80 The Pratap Spinning, Weaving and Manufacturing Company Limited. A selvedge price stamping device.

**APPLICATION FOR PATENTS FILED AT THE PATENT  
OFFICE BRANCH, 61, WALLAJAH ROAD,**

MADRAS-600002

28th July 1980

- 138/MAS/80 I.I.T. A vibratory feeder or conveyor.

31st July, 1980

139/MAS/80 K. Seshadri. A device, or equipment for economising fuel consumption in any type of combustion engines (such as petrol or diesel, or turbo jets,—internal combustion or compression ignition or external combustion engines) that use mixture of atmospheric air and fuel as source of energy.

140/MAS/80 R. S. Zaheerudeen. Lighting arrangement on the right hand side of a vehicle chassis.

141/MAS/80 K. Kondasamy. Improvements in or relating to steel bureau.

1st August, 1980

142/MAS/80 Brakes India Limited. Cast or forged mono block abutment as pivotment block for drum brakes.

2nd August, 1980

143/MAS/80 A. S. Devanayagam. A cheap moving stair way.

144/MAS/80 Mrs. R. S. Khare. An adjustable wrench.

## ALTERATION OF DATE

147978

497/Del/79 Ante-dated the 26th October 1976.

147988

552/Del/79 Ante-dated the 3rd July 1978.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charge, which may be ascertained on application to that office.

CLASS 205H & I. 147978.

Int. Cl.-B60b21/04, 21/10, 25/00.

## METHOD OF MANUFACTURING A PNEUMATIC TIRE AND RIM ASSEMBLY.

*Applicant:* THE GOODYEAR TIRE & RUBBER COMPANY, AT 1144 EAST MARKET STREET, AKRON, OHIO 44316, UNITED STATES OF AMERICA.

*Inventor:* VITO ALFRED CARAVITO.

Application No. 497/Del/79 filed July 9, 1979.

Division of Application No. 1936/Cal/76 filed October 26, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims.

A method of manufacturing a pneumatic tire and rim assembly comprising wrapping at least one carcass ply circumferentially about said rim with the axially outer ends extending axially outwardly beyond the axially outer edges of said rim, helically winding at least one inextensible member about said rim to form an annular bead core about said carcass ply to clampingly secure said carcass ply to said rim, folding the axially outer ends of said ply axially across said rim to form a circumferentially extending splice, providing a circumferentially extending tread structure about said ply and placing said tire and rim assembly in a curing apparatus including a mold and curing said tire.

Comp. Specn. 16 Pages.

Drg. 2 Sheets.

CLASS 107F.

147979.

Int. Cl.-F02p 9/00.

## SPARK PLUG.

*Applicant & Inventor:* HARRY EDWARD FRANKS, OF LASER NUCLEONICS, INC., 123 MOODY STREET, WALTHAM, MASSACHUSETTS 02154, UNITED STATES OF AMERICA.

Application No. 1362/Cal/77 filed September 2, 1977.

Addition to No. 1602/Cal/75.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A spark plug comprising a mounting body and inner and outer electrodes carried by said body extending outwardly therefrom and separated from each other by a space constituting a spark gas comprising :

an inner electrode of cylindrical shape extending forwardly from said mounting body and having a flat base; and outer electrode of circular shape secured to the end of said mounting body and having a plurality of finger-like projections extending inward and outwardly therefrom; each of said finger-like extensions having an arcuate shape such that the inner surface of each of said finger-like extensions is substantially parallel to and equidistant from the exterior surface of said center cylindrical electrode; said finger-like projections of said outer electrode having an inner surface of revolution opposing said inner electrode across said spark gap; said inner electrode having an outer surface parallel to the opposing surface of said finger-like projections of said outer electrode to provide a large number of alternate sparking paths through said gap.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 67C &amp; 90H &amp; I.

147980.

Int. Cl.-C03b 19/00, G05b 15/00.

## CONTROL SYSTEM FOR A GLASSWARE FORMING MACHINE.

*Applicant:* EMHART INDUSTRIES, INC., OF 426 COLT HIGHWAY, FARMINGTON, CONNECTICUT, UNITED STATES OF AMERICA.

*Inventors:* NATHANIEL HARRY ERICSON AND ROBERT J. JAPENGA.

Application No. 1601/Cal/77 filed November 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Control system for glassware forming machine having a plurality of sections which receive gob of molten glass from a feeder, each section including a plurality of solenoid valves for controlling the various pneumatic components in the machine section, and said solenoid valves being energized

and deenergized in a predetermined sequence to define a cycle for that section, characterized by :

(a) a fixed frequency function generator and associated encoding means providing a series of binary clock signals independent of the speed of the machine or its feeder,

(b) digital computer means including a processor, and accessible memory means with a stored sequence of events for said machine section each event being defined by a binary element, each of which elements includes the following binary words :

(1) a desired fractional part of a section cycle at which an event is to occur,

(2) the identity of a particular section event and its desired state,

(3) the desired condition (on/off) of the solenoid valve corresponding to that event, and

(4) the memory address of the next succeeding binary element corresponding to the next succeeding event in the cycle,

(c) means for applying a factor (Q) to said binary series of clock signals to provide the processor of said digital computer means with a series of interrupt signals, and said processor also serving to sum the series of unitary fractional parts of the section cycle and to update a memory location (cycle counter),

(d) said means further including comparator means for comprising said cycle counter memory word to the first word of the accessed binary element from memory and for accessing the next succeeding binary element following a positive comparison based upon the fourth word thereof,

(e) interface means responsive to such a positive comparison for energizing or deenergizing the identified solenoid based upon the second and third words of the accessed binary element from memory and

(f) data entry means for selectively varying the first word of certain of said linked elements to vary the desired fractional part of a section cycle at which certain of said events are to occur.

Comp. Specn. 16 Pages.

Drg. 2 Sheets.

CLASS 32A.

147981.

Int. Cl.-C09b 31/00, 31/10.

#### PROCESS FOR THE MANUFACTURE OF NEW DESAZO COMPOUNDS.

*Applicant*: HOECHST AKTIENGESELLSCHAFT, OF 6230, FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

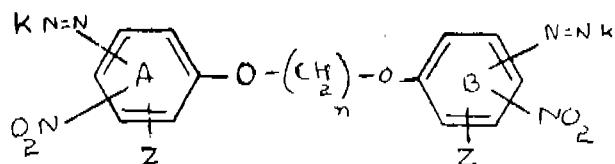
*Inventors*: RUDOLF KUHN, HEINRICH HAMAL.

Application No. 1743/Cal/77 filed December 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

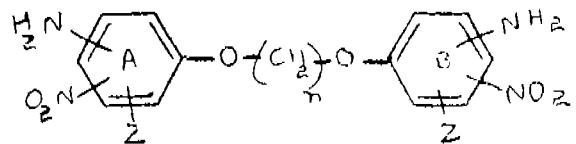
17 Claims.

Process for the manufacture of the symmetric and asymmetric diazo compounds of the formula I



and their mixtures, where n denotes a number from 1 to 10, Z is a hydrogen or halogen atom, an alkyl or alkoxy group with up to 4C atoms in each case or a nitro group and K represents the radical of an enolized or enolizable keto-

methylene compound, wherein 1 mole of a symmetric or asymmetric diamine or a mixture of symmetric and/or asymmetric diamines corresponding to the general formula (II)



where n has the meaning as given above, is bis-diazotized and the resulting bis-diazonium salt or bis-diazonium salt mixture is allowed to act on 2 moles of an enolized ketomethylene compound or on a mixture thereof in an aqueous or organic medium and when desired the coupling product is subjected to after treatment with heat at 40 to 200°C.

Comp. Specn. 41 Pages.

Drg. 2 Sheets.

CLASS 206-I.

147982.

Int. Cl.-A04b 3/00.

#### IMPROVEMENTS IN OR RELATING TO THE CAMOUFLAGED TRANSMISSION OF SIGNALS.

*Applicant*: SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

*Inventors*: HANS-JOACHIM EGGERT, OTTO OBER-BERGER AND HEINRICH ZENKERT.

Application No. 633/Cal/76 filed April 13, 1976.

Convention date July 7, 1975/(28486/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Apparatus for effecting camouflaged transmission of signals wherein at the transmitting end the signal band is split up into a plurality of subsidiary bands which are interchanged in accordance with a camouflage code, which is variable in a time sequence and is set up automatically and in stages in accordance with a code sequence which is determined by a code sequence generator thereby to form a transmission band, and at the receiving end the interchange which has been effected is cancelled in the same time sequence thereby to cancel the camouflage comprising a code sequence generator a switch-over device which is arranged to effect said interchanging of said plurality of subsidiary bands in dependence upon an output signal of the code sequence generator with which said switch-over device is supplied, and an element length sequence generator which is provided for controlling the element length and is arranged to supply a pulse sequence which has a controlled, variable pulse train frequency to the code sequence generator.

Comp. Specn. 15 Pages.

Drg. 1 Sheet.

CLASS 72B.

147983.

Int. Cl.-C06b 3/00, C09k 3/00.

#### A PROCESS FOR THE PREPARATION OF A STABILIZED HYDROXYALKYL NITRATE LIQUOR.

*Applicant*: INDIAN EXPLOSIVES LIMITED, OF 34, CHOWRINGHEE, CALCUTTA-700 071, WEST BENGAL, INDIA.

*Inventor*: KAPUR VARADARAJAN SESHA DRI AND SAUMENDRA NATH SEN.

Application No. 594/Cal/77 filed April 19, 1977.

Complete Specification left June 29, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for the preparation of a stabilised hydroxyalkyl nitrate liquor which comprises adding to a hydroxyalkyl nitrate liquor of the kind herein described an insoluble or sparingly soluble metal carbonate selected from calcium carbonate or magnesium carbonate in an amount predetermined in relation to the period of time for which stabilisation is desired.

Comp. Specn. 20 Pages.  
CLASS 32F<sup>a</sup>b.

Drgs. Nil.  
147984.

Int. Cl.-C07d 31/20, A61k 27/00.

## IMPROVED PROCESS FOR ELECTROLYtic DIMERIZATION OF N-SUBSTITUTED PYRIDINIUM SALT.

*Applicant*: ASAHI KASEI KOGYO KABUSHIKI KAISHA, NO. 2-6, DOJIMA HAMA 1 CHOME, KITA-KU, OSAKA-SHI, OSAKA, JAPAN.

Inventors: TERUYUKI MISUMI, SUSUMU FURUHASHI & MASAAKI SHIGA.

Application No. 269/Cal/78 filed March 14, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

An improved process for the preparation of an N, N-disubstituted tetrahydro-4, 4'-bipyridyl by electrolytic dimerization of the corresponding N-substituted pyridinium salt with the use of a system comprising an electrolytic cell having an anode, a cathode and one or more diaphragms disposed between the anode and the cathode and extractor disposed outside said electrolytic cell, and a circulation passage comprising a transferring passage and a feeding passage and connecting said electrolytic cell and said extractor characterized by the steps of :

(1) flowing an aqueous catholyte containing an N-substituted pyridinium salt through the electrolytic cell at a linear velocity of 0.1 m/sec. or more in the cathode chamber of said electrolytic cell while applying electric current between said anode and said cathode to form an N, N-disubstituted tetrahydro-4, 4'-bipyridyl corresponding to said N-substituted pyridinium salt on the surface of the cathode, thereby to instantly remove said bipyridyl from the surface of the cathode into the aqueous catholyte flowing through the electrolytic cell;

(2) transferring the aqueous catholyte containing said bipyridyl to the extractor through the transferring passage, and contacting said aqueous catholyte containing said bipyridyl with a water-immiscible organic solvent capable of dissolving said bipyridyl such as herein described in said extractor to extract said bipyridyl into said organic solvent;

(3) the resulting extraction mixture being allowed to stand still to separate the aqueous phase from the organic phase;

(4) the separated aqueous phase alone being fed back to the electrolytic cell through the feeding passage; and

(5) the steps (1), (2), (3) and (4) being continuously repeated.

Comp. Specn. 39 Pages.

Drg. 4 Sheets.

CLASS 32, F. 2a, 55E2, &amp; 55E4.

147985

Int. Cl. C07.C. 103/19.

## PROCESS FOR PREPARING NOVEL AMINO METHYLATED TETRACYCLINE.

*Applicants*: INDIAN DRUGS & PHARMACEUTICALS LIMITED, N-12, SOUTH EXTENSION-1, NEW DELHI-110049, INDIA.

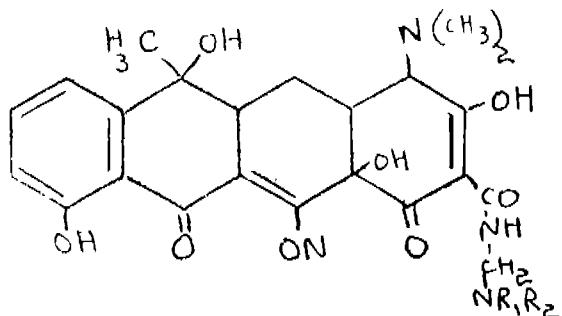
*Inventors*: (1) SUDHANGSU MUKERJI, (2) MAHESH CHANDRA SHARMA, (3) RAMESH CHANDRA and (4) PERUVMADOM RAM TYER MAHADEVAN.

Application No. 497/Del/78 filed on July 3, 1978.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

Process for preparing novel amino methylated tetracycline of the formula V,



wherein R<sub>1</sub> and R<sub>2</sub> can be two different groups such as alkyl and aryl or can be part of a ring system such as piperadine, morpholine and piperazine which together with nitrogen to which they are attached form the amino function of formula V comprising dissolving tetracycline hydrochloride in methanol and adding to the said dissolved solution of tetracycline hydrochloride an amine derivative such as herein described followed by reacting with formaldehyde solution and finally precipitating the obtained novel amino methylated tetracycline.

Comp. Specn. 10 Pages.

Drw. 1 Sheet.

CLASS 125B(3), 128-G.

147986

Int. Cl. B01I—3/02, G01F—11/06.

## IMPROVED DEVICE FOR THE ASPIRATION OF SAMPLES OR DILUTING FLUIDS FOR HAEMATOLOGICAL, BIOCHEMICAL OR OTHER DIAGNOSTIC INVESTIGATIONS.

*Applicants & Inventor*: RAGHUNATH SINGH HOON, OF 34, MALCHA MARG, CHANAKYAPURI, NEW DELHI-110021, INDIA.

Application No. 607/Del/78 filed on August 14, 1978

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims

An improved device for the aspiration of samples or diluting fluids for haematological, biochemical or other diagnostic investigations which comprises a pair of axially engaging tubular members, the inner surface of the outer member being provided with a screw thread adapted to engage a corresponding screw thread provided on the outer surface of the inner member, a piston housed within the outer member and adapted when the outer and inner tubular members are screwed together to engage the interior of the inner member in suction fit, the remote end of the inner member being formed with a cylindrical extension having a capillary bore extending axially therethrough and into an external nozzle provided at the outer end of said cylindrical extension, the near end of the bore being adapted to be sealed by the head of the piston when the latter is screwed to its maximum down-stroke by the outer tubular member and the far end of the bore being adapted to be connected through the nozzle to any conventional suction equipment.

Comp. Specn. 13 Pages.

Drw. 1 Sheet.

CLASS 26 &amp; 197

147987

Int. Cl. B 08 b 1/00.

## A CLEANING APPARATUS

*Applicant & Inventor*: MRS. UMA MANCHANDA, NO.

1, 14TH MAIN ROAD, VASANTA NAGAR, BANGALORE 560052, KARNATAKA STATE, INDIA.

Application No. 102/M.../79 filed June 14, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims.

A cleaning apparatus comprising at least one elongated frame member transversely disposed on a handle member, said frame member being provided with a pair of oppositely disposed elongated cleaning elements, one cleaning element comprising a substantially rigid scraper blade and the other cleaning element comprising a resilient porous member.

Comp. Specn. 6 pages. Drwgs. 1 Sheet.  
CLASS 32.F.2a, 55E2, and 55E4. 147988.

Int. Cl. C07. C. 103/19.

**PROCESS FOR PREPARING NOVEL AMINO METHYLATED TETRACYCLINE.**

**Applicants:** INDIAN DRUGS AND PHARMACEUTICALS LIMITED, N-12, SOUTH EXTENSION-I, NEW DELHI-110049, INDIA.

**Inventors:** (1) SUDHANGSU MUKERJI, (2) MAHESH CHANDRA SHARMA, (3) RAMESH CHANDRA AND (4) PERURMADOM RAM IYER MAHADEVAN.

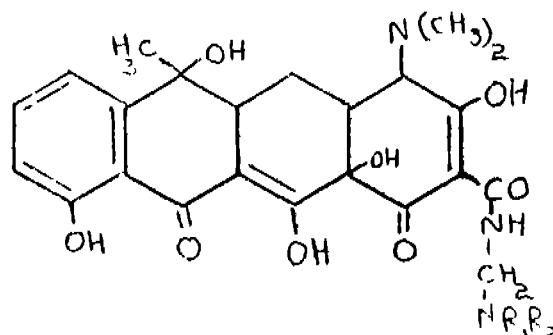
Application No. 552/Del/79 filed on August 3, 1979.

Division of Application No. 497/Del/78 filed on dated 3-7-1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims

Process for preparing novel amino methylated tetracycline of the formula I,



wherein R<sub>1</sub> and R<sub>2</sub> can be two different groups such as alkyl and aryl or can be part of a ring system such as piperazine, morpholine and piperazine which together with nitrogen to which they are attached to form the amino function of formula I comprising dissolving tetracycline hydrochloride in methanol and adding to the said dissolved solution of tetracycline hydrochloride urea followed by reacting with formaldehyde solution and finally precipitating the obtained novel amino methylated tetracycline.

Comp. Specn. 7 pages. Drwg. 1 Sheet.

**OPPOSITION PROCEEDINGS**

The opposition entered by Rathi Industrial Equipment Company Private Ltd., to the grant of a patent on application No. 147078 made by Nautamix Patent A.G. as notified in Part-III, Section 2 of the Gazette of India, dated the 17th May, 1980 has been thrown away as infructuous.

*Correction of clerical errors under Section 78(3).*

(1)

The Claim 21 of the specification in respect of Patent Application No. 140947 (earlier number as 2344/Cal/74) the

acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st January, 1977 has deleted under Section 78(3) of the Patents Act, 1970.

(2)

The complete specification of application for Patent No. 144078 (earlier numbered as 1155/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th March, 1978 has been corrected under Section 78(3) of the Patents Act, 1970 so as to delete claims 15 to 20 and 23 of the complete specification and to consequently renumber the remaining claim as claim 1 to 16 in serial order as well as consequential amendments in line 29 and 30 of page 8, description of paragraphs 11 and 12 on page 11 line 23 and 24 of page 33, lines 20 and 21 of page 34 and line 3 of page 35 of the specification.

**PRINTED SPECIFICATION PUBLISHED**

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

138731 138732 138733 138734 138735 138736 138738 138739  
138740 138742 138743 138744 138745 138746 138747 138748  
138749 138750 138751 138753 138754 138755 138756 138757  
138758 138759 138760 138763 138764 138770 138771 138772  
138780 138781 138784 138785.

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139659 139660 139661 139662 139663 139664 139665 139666  
139667 139669 139670 139671 139672 139673 139674 139675  
139676 139677 139678 139679 139680 139681 139682 139683  
139687 139688 139689 139690 139691 139693 139694 139695  
139697 139698 139699 139703 139704 139705 139706 139707

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139709 139710 139711 139712 139713 139714 139715 139716  
139717 139721 139728 139729 139730 139731 139733 139734  
139735 139736 139737 139739 139740 139741 139742 139743  
139744 139745 139746 139747 139748 139749 139750 139751  
139754 139755 139756 139757 139758 139759

**PATENTS SEALED**

144298 144433 144506 145246 145609 146490 146512 146515  
146523 146524 146527 146528 146535 146595 146674 146695  
146699 146823 146898 146899 146901

**AMENDMENT PROCEEDINGS UNDER SECTION 57**

Notice is hereby given the Chemie Linz Aktiengesellschaft, an Austrian body corporate, of St. Peter-straβe 25, 4020 Linz, Austria, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 146533 for "Process for the manufacture of calcium sulphate hemidydrate of low fluorine content". The amendments are by way of correction and explanation so as to describe the nature of the invention more correctly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed from 30 within three months from the date of this application, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.**

(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the

following cases. The number of each case is followed by the names of the parties claiming interests :—

142105 David John Millin and Myron Grant Hampton.

142537 M/s. Bombay Ring Travellers Company Limited.

#### RENEWAL FEES PAID

106551 106553 106622 106895 107149 107150 111791 111884  
 113284 117144 117160 117470 117533 117687 117938 121658  
 121666 121714 122789 122793 123144 123199 123279 123868  
 127983 127990 127992 128096 128097 128151 128606 130088  
 130695 131439 132382 132394 132466 132626 132686 132838  
 132890 132935 134026 134489 135872 136044 136287 136519  
 136788 136919 137015 137136 137513 137591 138139 138187  
 138902 139160 139185 139224 139306 139526 139628 140025  
 140405 140736 140886 141291 141492 141609 141766 141767  
 141920 142012 142125 142145 142276 142385 142386 142452  
 143248 143258 143326 143406 143598 143601 143848 143909  
 143926 144265 144291 144296 144324 144340 144610  
 144652 144697 145165 145231 145232 145275 145299 145313  
 145360 145500 145532 145544 145631 145801 145812 145820  
 145880 145937 146131 146252 146351 146582 146583 146590  
 146591 146644 146660 147083 147138

#### RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 114840 dated the 17th August, 1966 made by Farbenfabriken Bayer Aktiengesellschaft on the 27th July, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 26th January, 1980 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 126417 dated the 28th April, 1970 made by Badische Corporation formerly known as Dow Badische Company on the 19th April, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 1st March, 1980 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 138774 dated the 1st October, 1973 made by Indian Explosives Limited on the 13th August, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 8th March, 1980 has been allowed and the said patent restored.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 149014. The Jay Engineering Works Ltd., 225-C, Acharya Jagadish Bose Road, Calcutta-700020, State of West Bengal, India. "Fan". November 19, 1979.

Class 1 No. 149015. The Jay Engineering Works Ltd., 225-C, Acharya Jagadish Bose Road, Calcutta-700020, State of West Bengal, India. "Fan". November 19, 1979.

Class 1 No. 149016. The Jay Engineering Works Ltd., 225-C, Acharya Jagadish Bose Road, Calcutta-700020, State of West Bengal, India. "Fan". November 19, 1979.

Class 1. No. 149017. The Jay Engineering Works Ltd., 225-C, Acharya Jagadish Bose Road, Calcutta-700020, State of West Bengal, India. "Fan". November 19, 1979.

Class 1. No. 149018. The Jay Engineering Works Ltd., 225-C, Acharya Jagadish Bose Road, Calcutta-700020, State of West Bengal, India. "Fan". November 19, 1979.

Class 1. No. 149175. Maqsood Sabri, an Indian National trading as :— Bharat Stove & Light House, also trading as : Aladdin Lamps India, Chowk Bazar, Roorkee (U.P.), India. "Burner". January 14, 1980.

Class 1. No. 149182. Punjab Metals of 306, Lotus House, 33-A, New Marine Lines, Bombay-400020, Maharashtra, an Indian Proprietary Firm. "Chauffer". January 14, 1980.

Class 1. No. 149244. Ddesskoc Spetsialnoe Konstruktorskoe Bjuro Spetsialnykh Stankov of Odessa, Prospekt Gagarina, 25, U.S.S.R. "Grinder". February 2, 1980.

Class 1. No. 149245. Ddesskoc Spetsialnoe Konstruktorskoe Bjuro Spetsialnykh Stankov of Odessa, Prospekt Gagarina, 25, U.S.S.R. "Belt Grinding Head". February 2, 1980.

Class 1. No. 149471. Unident India of 77/5621 Reghar-pura, Karolbagh, New Delhi-110005, Union Territory of India, India, a proprietorship concern. "Electric foot controller with locking device". April 19, 1980.

Class 3. No. 149193. Phenoweld Polymer Private Limited of Saki Vihar Lake Road, Bombay-400072, Maharashtra State, India, an Indian Company. "Buffer for toilet seats". January 17, 1980.

Class 3. No. 149198. Dr. Jose Thaikattil, Physician of University Health Centre, P.O. Calicut University, Kerala-673635, India, an Indian National. "Table Lamp". January 18, 1980.

Class 3. No. 149199. Dr. Jose Thaikattil, Physician of University Health Centre, P.O. Calicut University, Kerala-673633, India, an Indian National. "Table Lamp". January 18, 1980.

Class 3. No. 149501. Anil Kumar Chakraborty, Managing Partner of Hindusthan Condiment Products, 7B, Arif Road, Calcutta-700067, West Bengal, Indian National "The Jar". May 1, 1980.

Class 4. No. 149196. Globe Auto Industries, B/85-86 Mayapuri Industrial Area, New Delhi-64 an Indian Partnership Concern. "Reversing Lamp Assembly of Motor Vehicles". January 18, 1980.

Class 4. No. 149197. Globe Auto Industries, B/85-86 Mayapuri Industrial Area, New Delhi-64, an Indian Partnership Concern. "Fog Lamp Assembly of Motor Vehicles". January 18, 1980.

Class 4. No. 149502. Anil Kumar Chakraborty, Managing Partners of Hindusthan Condiment Products, 7B, Arif Road, Calcutta-700067, West Bengal, Indian National. May 1, 1980.

Class 10. No. 149221. Sevak Industries, Kamla Bhawan, Gala No. 7, Sharma Industrial Estate, Walbhat Road, Goregaon (East), Bombay-40063, Maharashtra, an Indian Partnership Firm. "Foot-wear". January 28, 1980.

S. VEDARAMAN.  
 Controller General of Patents, Designs  
 and Trade Marks

